Attorney Docket No. NL 020334

REMARKS

I. INTRODUCTION

Claims 1-6 are pending in this application. It is respectfully submitted that based on the following remarks that all of the presently pending claims are in condition for allowance.

II. THE 35 U.S.C. § 102(b) REJECTIONS SHOULD BE WITHDRAWN

The Examiner has rejected claims 1-6 under 35 U.S.C. § 102(b) as unpatentable over U.S. Pat. No. 4,618,919 (Martin). (See 1/19/06 Office Action, p. 2, ¶ 2).

Martin describes a power supply topology which minimizes inductance and capacitance requirements for filtering the ripple of single or multiple output switching mode power supplies. (See Martin, abstract). The anode or positive side of the battery 10 is connected to one terminal of capacitor C and to one terminal of each of the primary windings NP1 and NP2 of transformers T1 and T2, respectively. The other terminals of primary windings NP1 and NP2 are connected, at terminals C1 and C2, to the blade arms of switches SW1 and SW2, respectively. (See Id., col. 3, ll. 16-23). The primary windings of the transformers T1 and T2 are arranged in a parallel circuit topology. (See Id., Fig. 1).

Claim 1 recites "a resonant LLC power converter comprising at least two transformers, *primary windings of the at least two transformers are coupled in series*...." In contrast, as discussed above, Martin displays the primary windings of the transformers in parallel. Due to the basic difference in topology for the primary windings of the transformers, those of skill in the art will understand that the voltages over the transformers will differ. The parallel transformers exhibited in Martin result in the voltages being inversely proportional to each other. (See Martin, Fig. 2). That is, the voltages over all the transformers are not substantially equal, as would be exhibited if the transformers were coupled in series. Thus it is respectfully submitted that Martin does not disclose or suggest "a resonant LLC power converter comprising at least two transformers, *primary windings of the at least two transformers are coupled in series*...," as

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recited in claim 1. Accordingly, Applicant respectfully requests that the Examiner withdraw the 35 U.S.C. § 102(b) rejection of claim 1. Because claims 2-5 depend from and, therefore, include the limitations of claim 1, it is respectfully submitted that these claims are allowable for at least the reasons stated above.

Independent claim 6 recites "*primary windings of the at least two transformers are coupled in series.*" Thus, for the same reasons described above with reference to claim 1, it is respectfully submitted that the Examiner withdraw the 35 U.S.C. § 102(b) rejection for this claim.

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CONCLUSION

In view of the above remarks, it is respectfully submitted that all the presently pending claims are in condition for allowance. All issues raised by the Examiner having been addressed, an early and favorable action on the merits is earnestly solicited.

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Respectfully submitted,

Dated: April 17, 2006

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